



**BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building/

JELD-WEN, Inc.
3737 Lakeport Blvd.
Klamath Falls, OR 97601

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "6400 Premium Atlantic Aluminum" Aluminum Double Hung Window – N.I.

APPROVAL DOCUMENT: Drawing No. **JW010**, titled "PAA 6400 Double Hung Window", sheets 1 through 6 of 6, dated 02/09/11, prepared by CertWorks, LLC, signed and sealed by Alexis Spyrou, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Venice, Florida, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 11-0404.10
Expiration Date: July 28, 2016
Approval Date: July 28, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **JW010**, titled "PAA 6400 Double Hung Window", sheets 1 through 6 of 6, dated 02/09/11, prepared by CertWorks, LLC, signed and sealed by Alexis Spyrou, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of series 6400 Premium Atlantic aluminum double hung window, with monolithic and insulated glass, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3713-1**, specimens #1 thru #6, dated 10/10/10, signed and sealed by Gerald John Ferrara, P.E.

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by CertWorks, LLC, dated 02/16/11 and 07/08/11, signed and sealed by Alexis Spyrou, P.E.
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

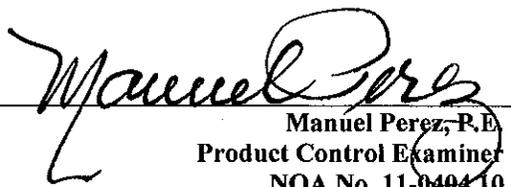
1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated 02/18/11, signed and sealed by Alexis Spyrou, P.E.
2. Laboratory compliance letter for Test Report No. **NCTL-210-3713-1**, issued by National Certified Testing Laboratories, dated 11/15/10, signed and sealed by Gerald John Ferrara, P.E.

G. OTHERS

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0404.10
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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. **THROUGH FRAME:** FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. **THROUGH FRAME:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4 INCH MINIMUM EMBEDMENT.
7. **THROUGH FRAME:** FOR INSTALLATION INTO STEEL STUD USE 1/4-20 TEK SELECT SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS ENGAGEMENT.
8. **NAIL FIN:** FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
9. **NAIL FIN:** FOR INSTALLATION INTO STEEL STUD USE 10-16 TEK SELECT SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS ENGAGEMENT.
10. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
11. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
12. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
14. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 2700 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 100 MILS (0.1 IN. or 12 GAUGE).

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2007 FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T6
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300-04 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.

JELD-WEN, inc.

PREMIUM ATLANTIC ALUMINUM 6400 DOUBLE HUNG WINDOW (NON-IMPACT)

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	-	INSTALLATION & GENERAL NOTES
2	-	ELEVATION & ANCHOR LAYOUTS
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4	-	HORIZONTAL SECTIONS
5	-	COMPONENTS & BILL OF MATERIALS
6	-	CORNER ASSEMBLIES & GLAZING DETAILS

GLASS TYPE	DESIGN PRESSURE	UNIT DIMENSIONS	MISSILE IMPACT RATING
A & C	+60.0 / -65.0 PSF	52.125" X 75"	NON-IMPACT
B & D	+60.0 / -65.0 PSF	36" X 72"	

JELD-WEN
WINDOWS & DOORS

JELD-WEN, Inc.
355 CENTER COURT
VENICE, FL 34285
PH: (800) 869-6699

TITLE: PAA 6400
DOUBLE HUNG WINDOW
INSTALLATION &
GENERAL NOTES

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

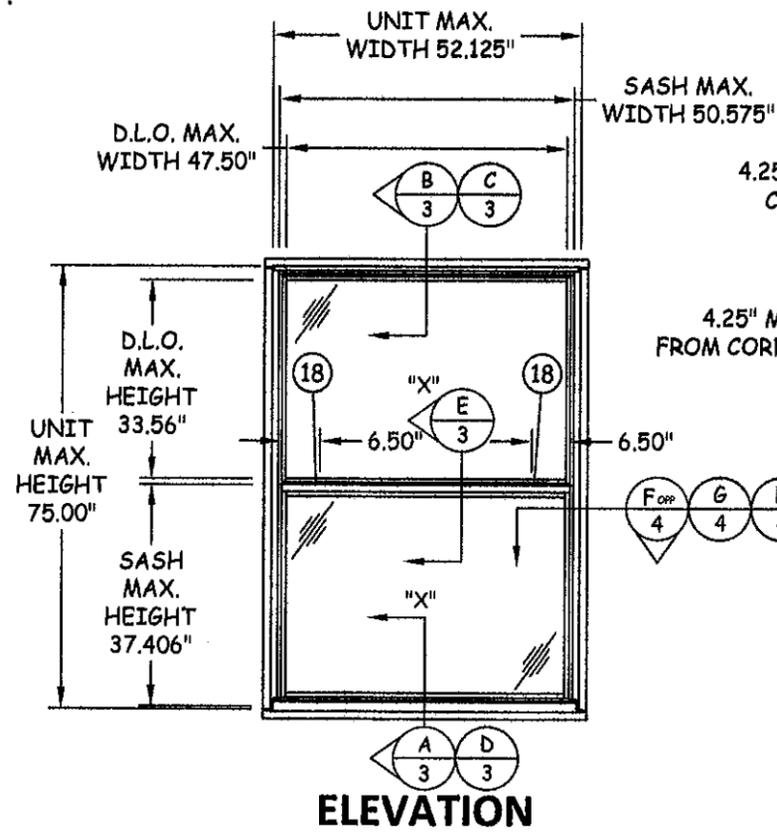
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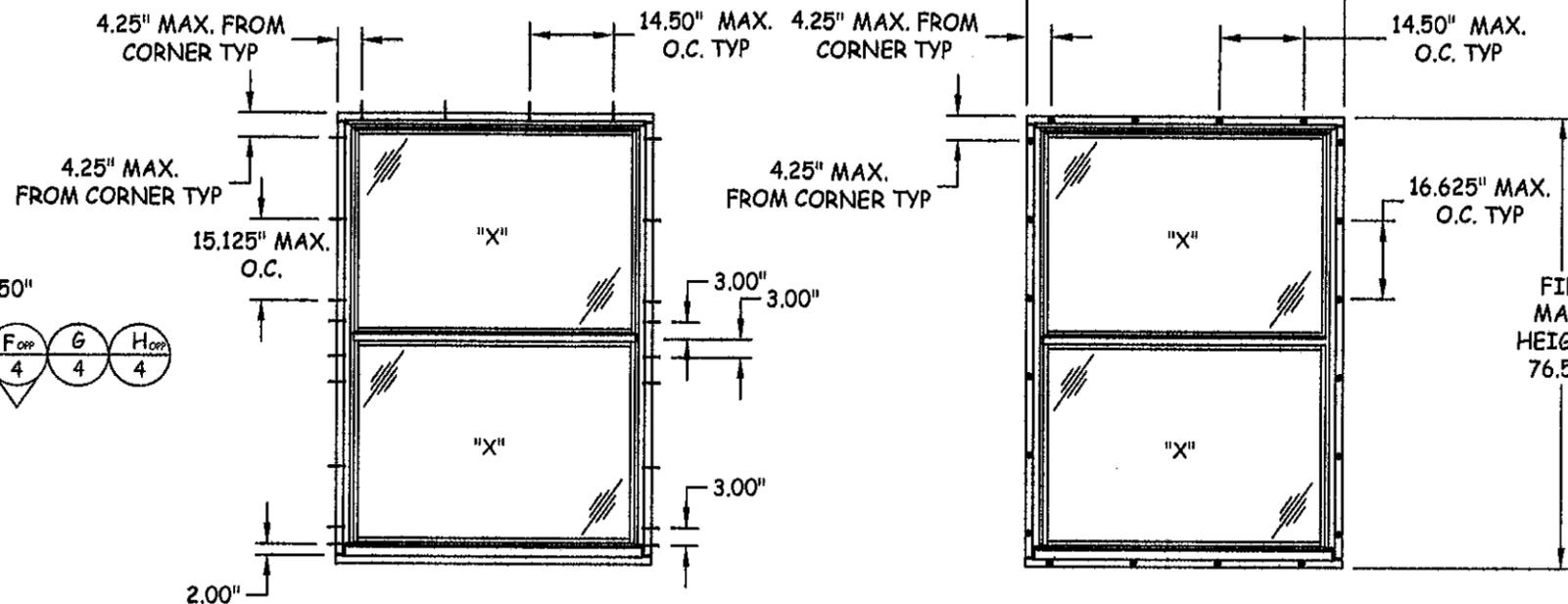
<p>Approved as complying with the Florida Building Code Date <u>July 28, 2011</u> NOA# <u>11-0404-10</u> Miami Dade Product Control By <u>Manuel Perez</u></p>	<p>DATE: 2.09.11 DWN BY: JLA CHK BY: HFN SCALE: NTS</p> <p>DWG #: JW010</p> <p>SHEET: 1 OF 6</p>
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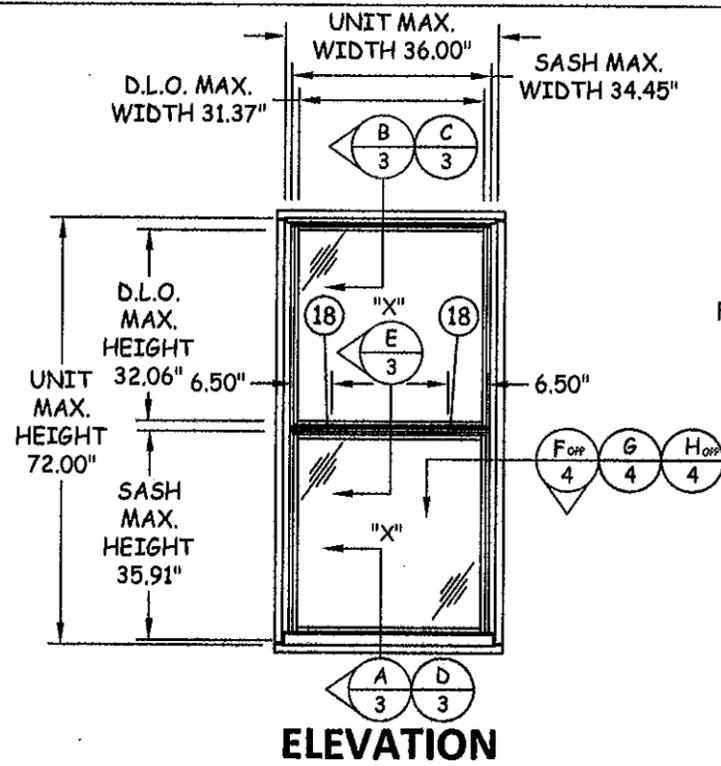
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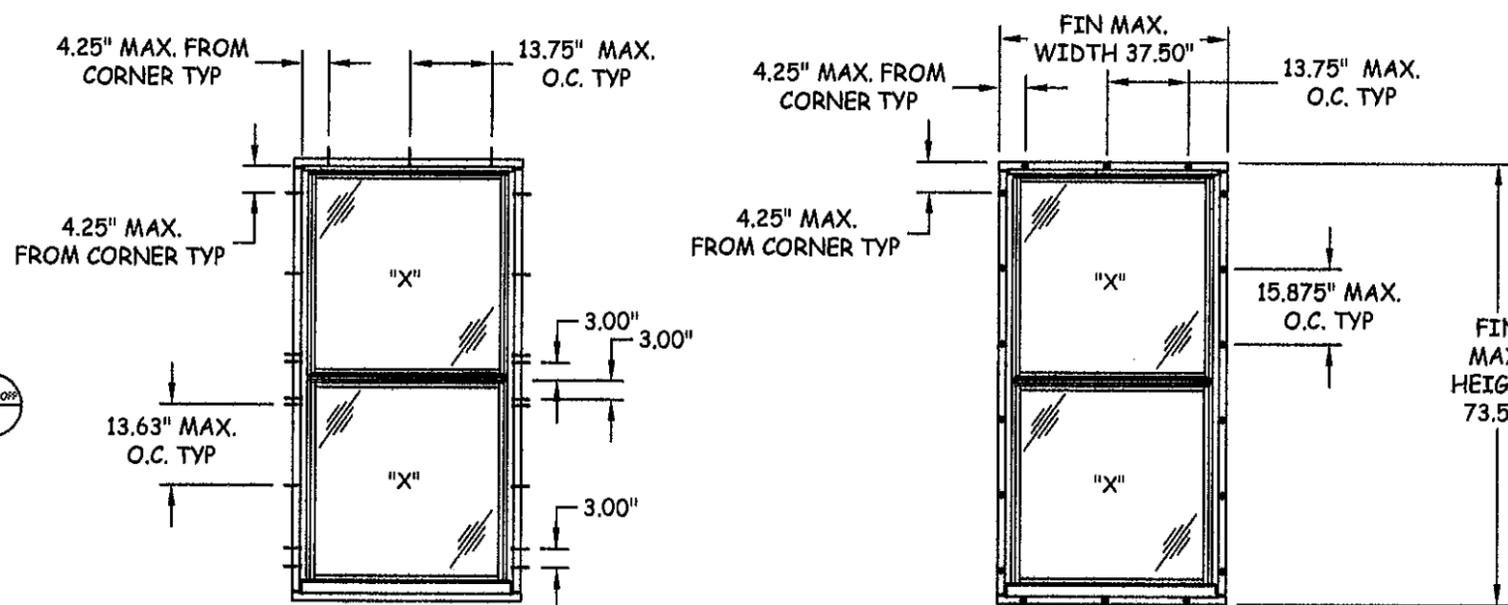
ANCHOR LAYOUT
THROUGH FRAME
(SILL FASTENERS NOT REQUIRED)

ANCHOR LAYOUT
NAIL FIN

52.125" X 75" UNITS
MUST USE GLASS
TYPES A OR C



ELEVATION



ANCHOR LAYOUT
THROUGH FRAME
(SILL FASTENERS NOT REQUIRED)

ANCHOR LAYOUT
NAIL FIN

36" X 72" UNITS
MUST USE GLASS
TYPES B OR D

TITLE: PAA 6400
DOUBLE HUNG WINDOW
ELEVATIONS &
ANCHOR LAYOUTS

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS	DESCRIPTION	BY	DATE



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Miami Dade Product Control
By Manuel Perez

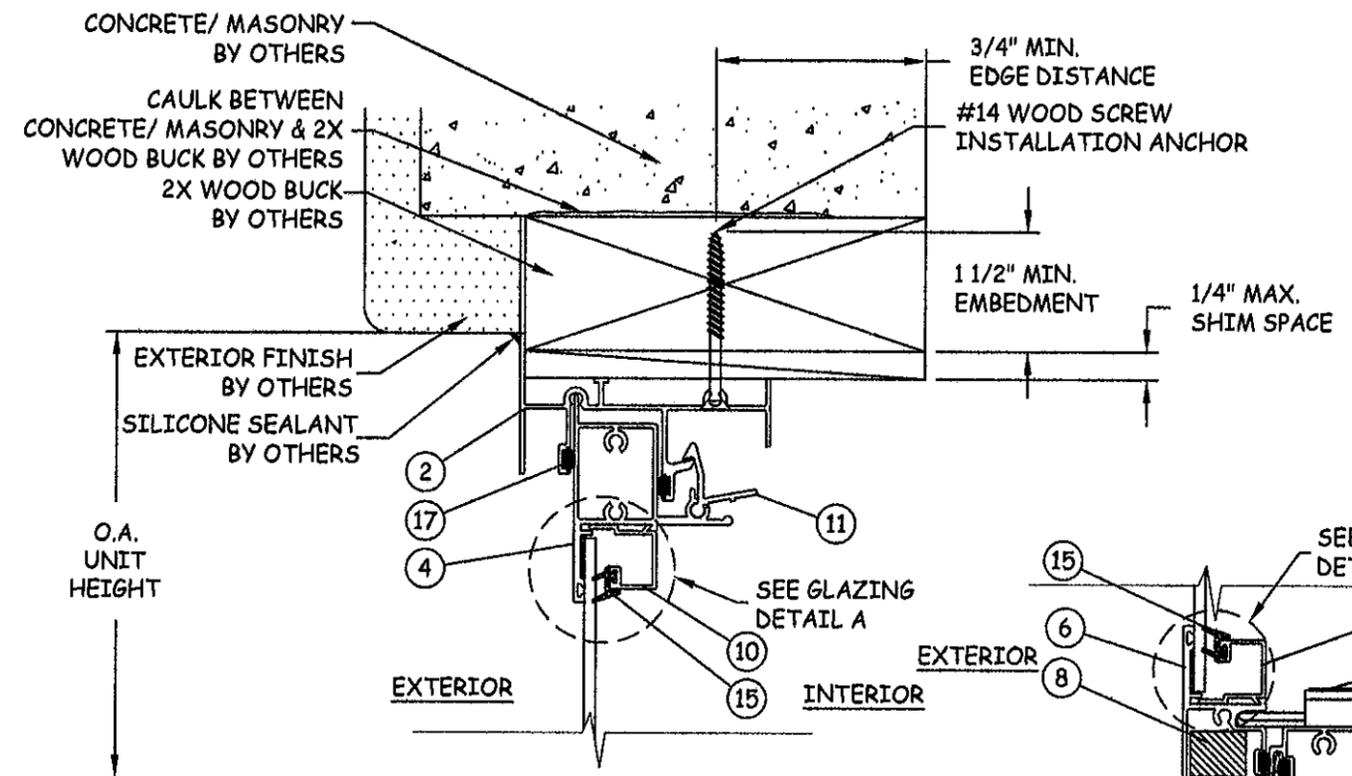
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DWN BY: JLA
CHK BY: HFN
SCALE: NTS

DWG #: **JW010**

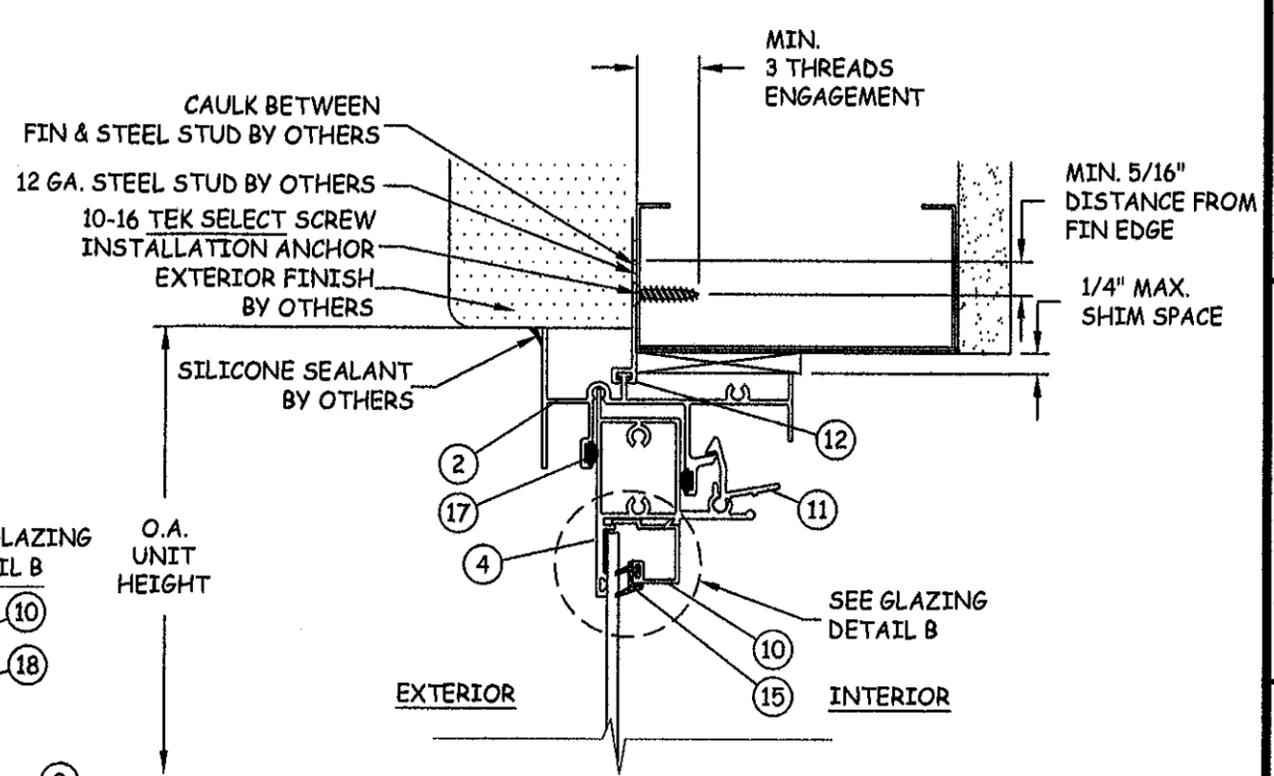
SHEET: **2 OF 6**

TITLE: PAA 6400
DOUBLE HUNG WINDOW
VERTICAL
SECTIONS

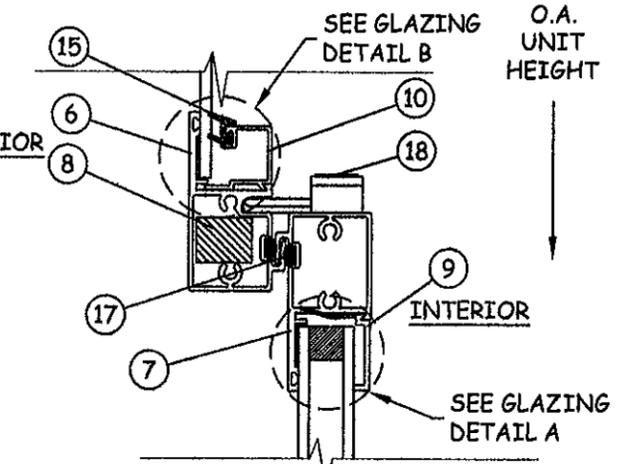
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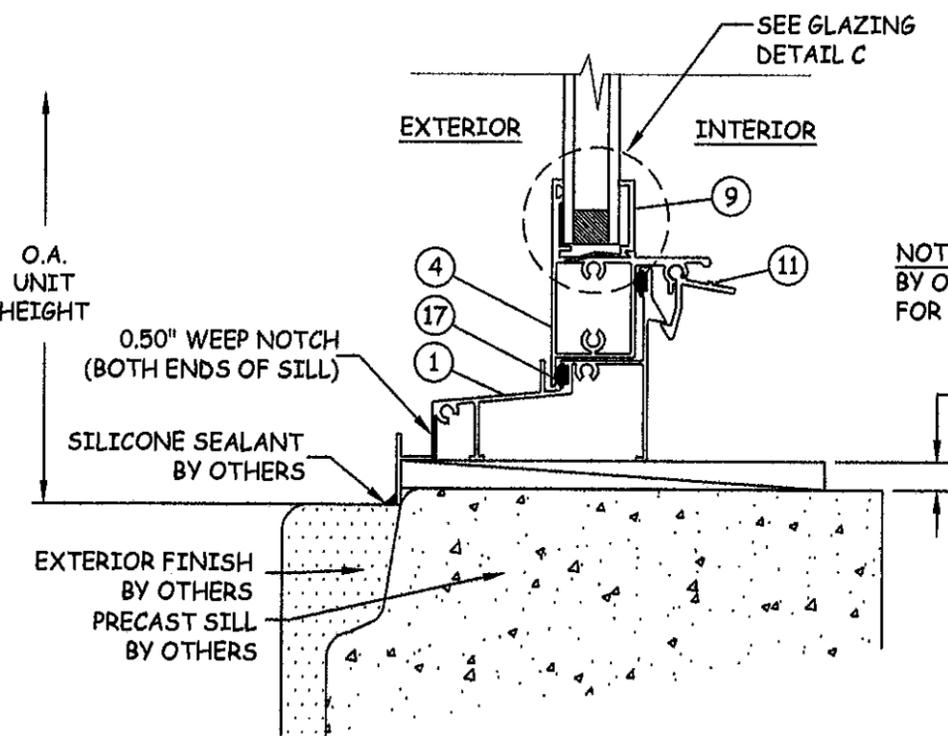
B
3 VERTICAL SECTION
HEAD - 2X WOOD BUCK
THROUGH FRAME INSTALLATION



C
3 VERTICAL SECTION
HEAD - STEEL STUD
NAIL FIN INSTALLATION

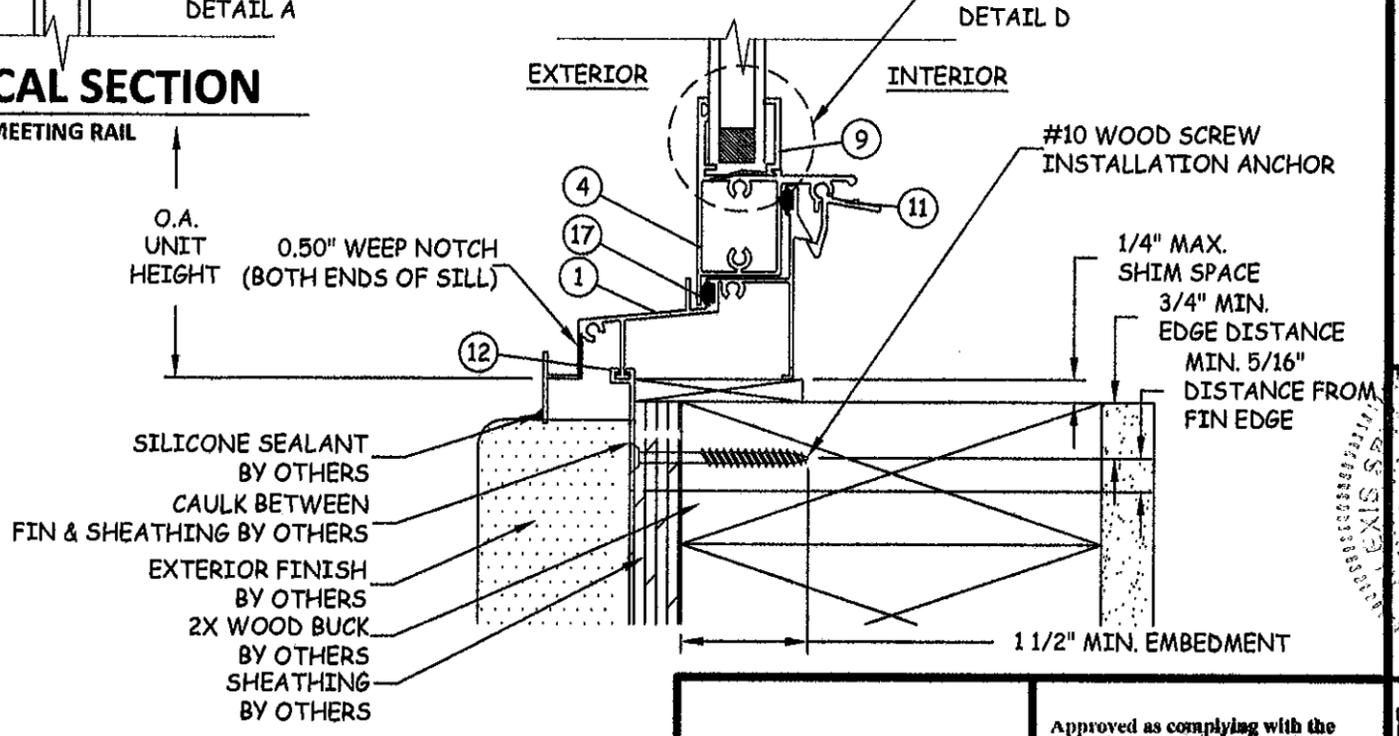


E
3 VERTICAL SECTION
MEETING RAIL



A
3 VERTICAL SECTION
SILL - CONCRETE/MASONRY

NOTE: 1X WOOD BUCK
BY OTHERS IS OPTIONAL
FOR MASONRY APPLICATIONS



D
3 VERTICAL SECTION
SILL - 2X WOOD FRAME
NAIL FIN INSTALLATION

REVISIONS	DESCRIPTION	BY	DATE

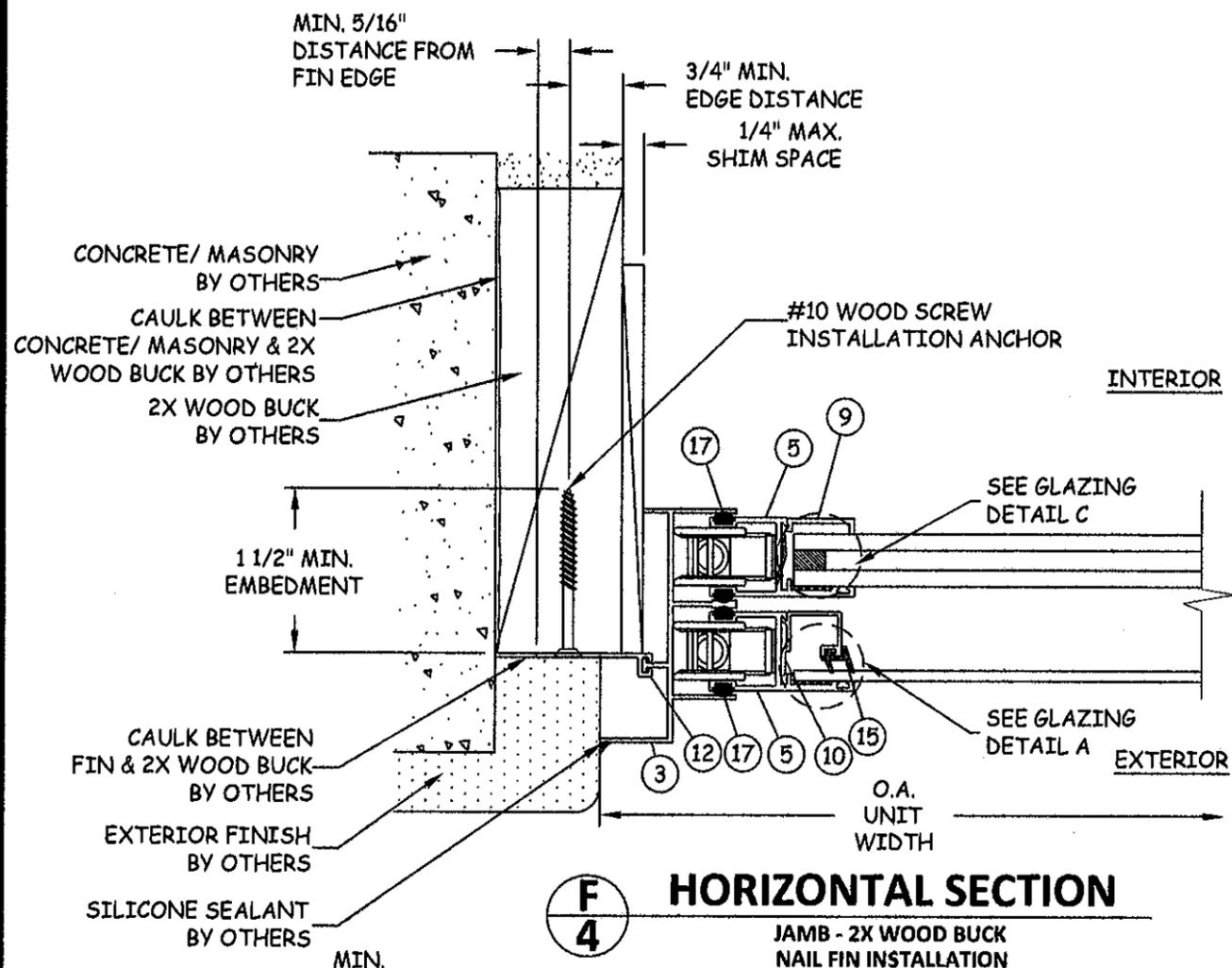
Approved as complying with the
Florida Building Code
Date: July 28, 2011
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Miami Dade Product Control
By: *Mmanuel Perez*

DATE: 2.09.11
DWN BY: JLA
CHK BY: HFN
SCALE: NTS

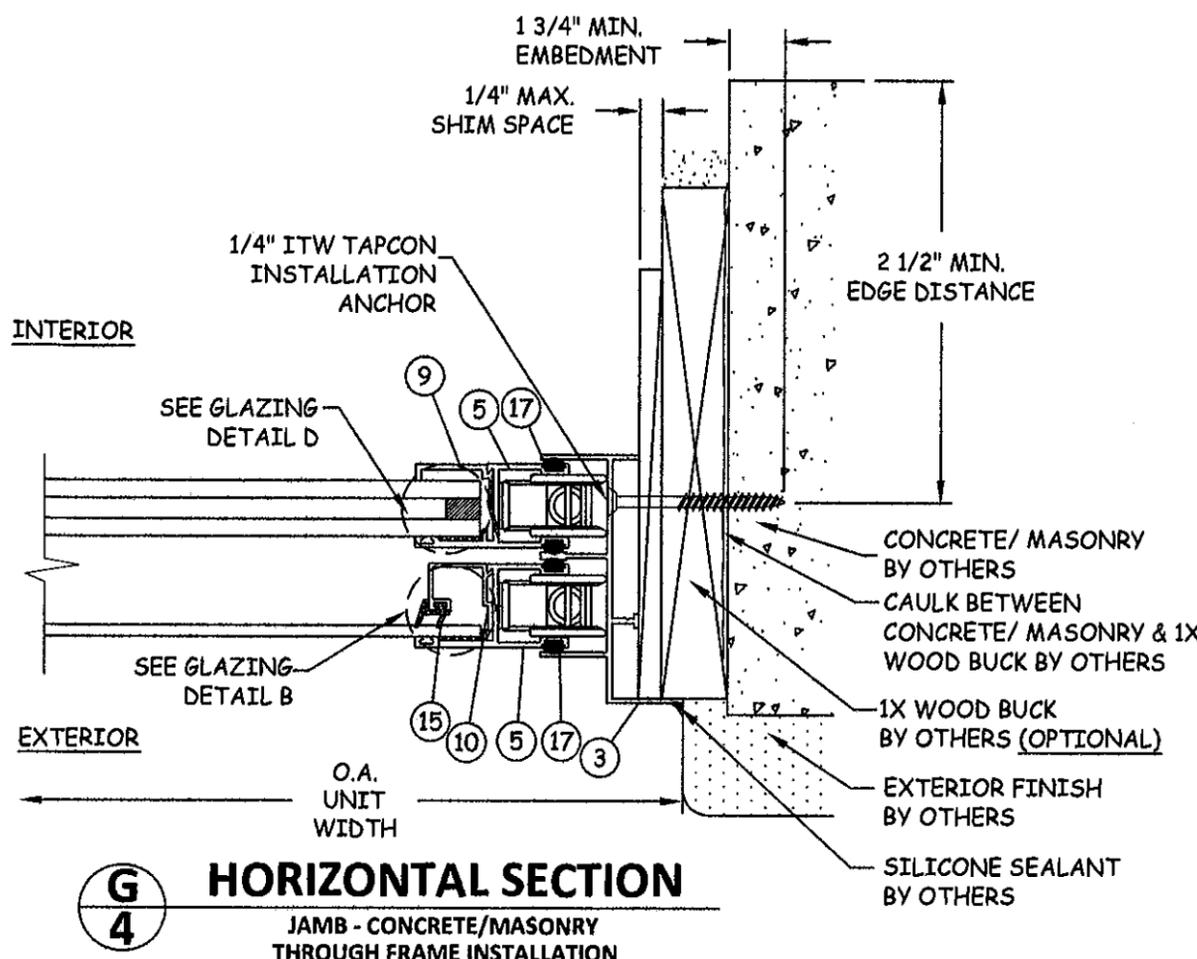
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SHEET: **3 OF 6**

TITLE: PAA 6400
DOUBLE HUNG WINDOW
HORIZONTAL
SECTIONS

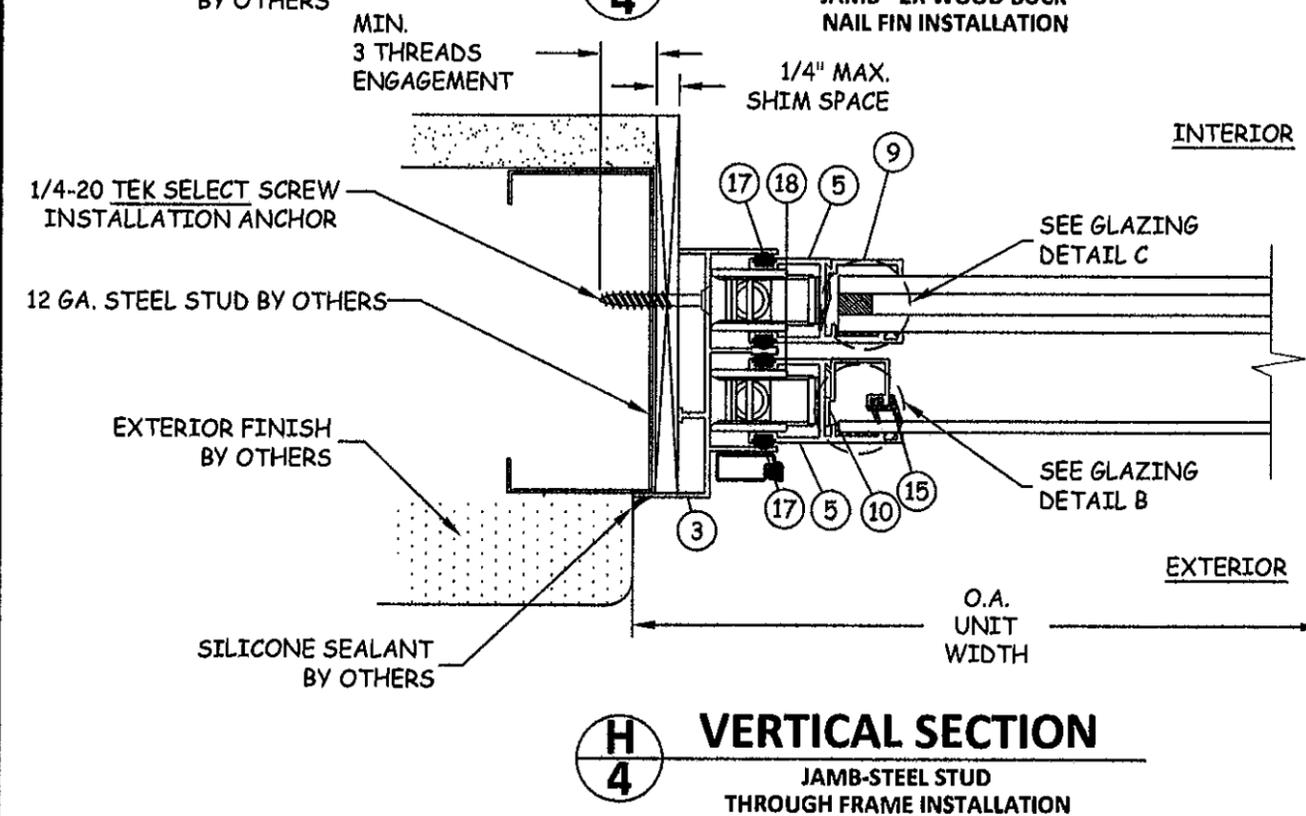
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F
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
NAIL FIN INSTALLATION



G
4 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION



H
4 **VERTICAL SECTION**
JAMB-STEEL STUD
THROUGH FRAME INSTALLATION

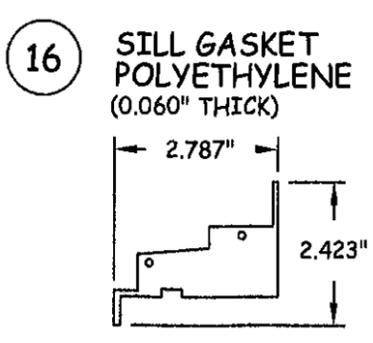
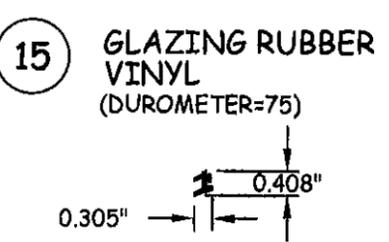
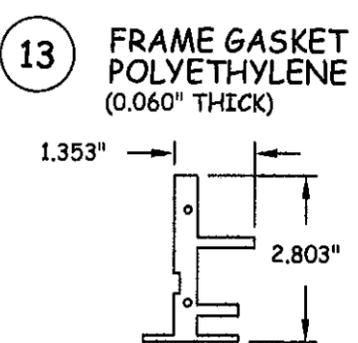
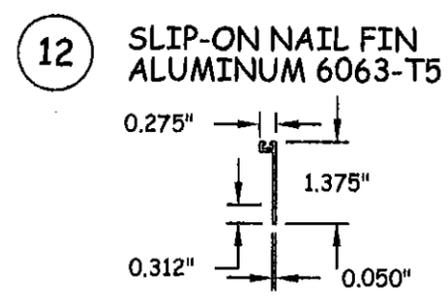
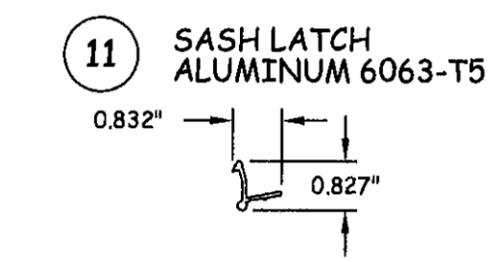
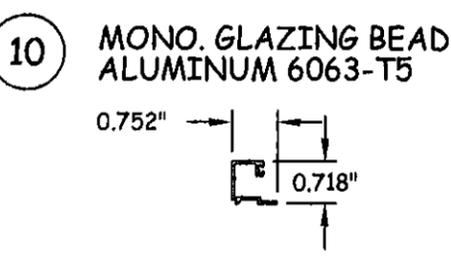
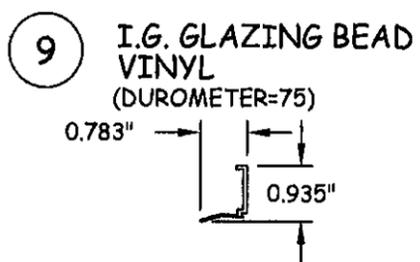
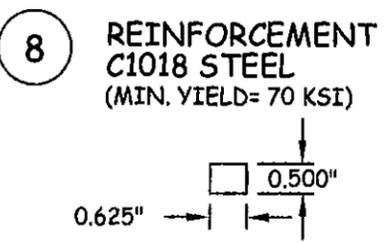
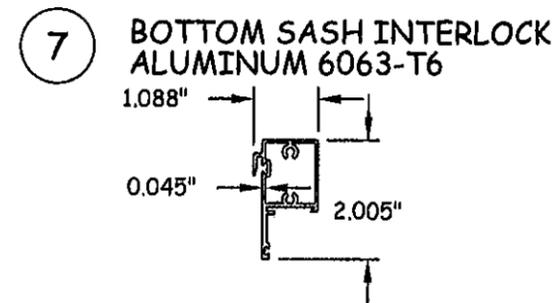
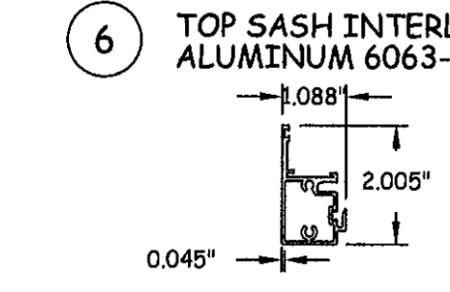
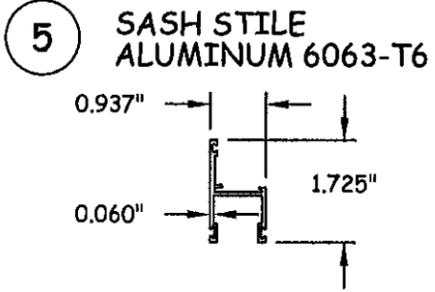
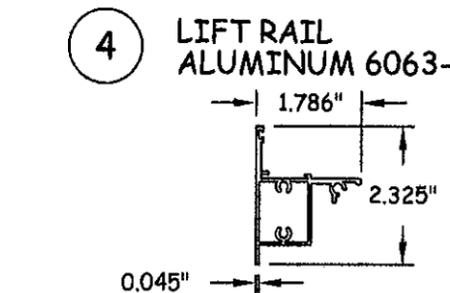
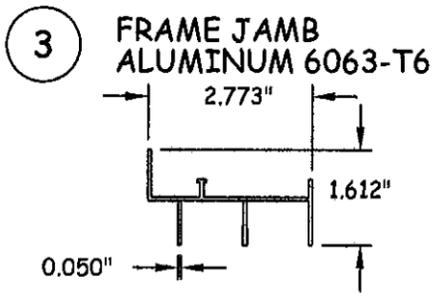
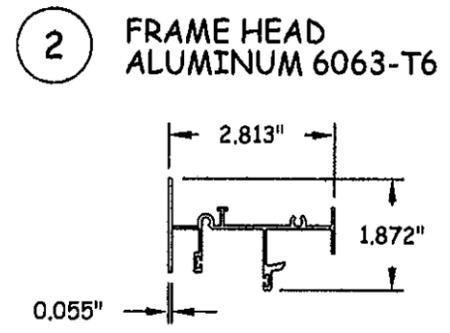
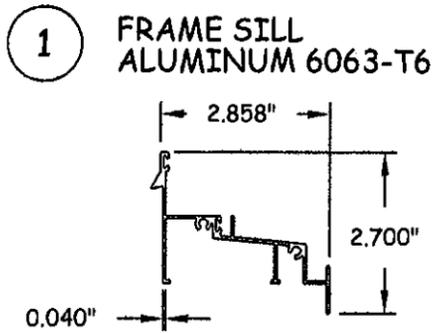
NO.	DESCRIPTION	BY	DATE



Approved as complying with the Florida Building Code Date <u>July 28, 2011</u> NOA# <u>11-0404.10</u> Miami Dade Product Control By <u>Maureen [Signature]</u>	DATE: 2.09.11 DWN BY: JLA CHK BY: HFN SCALE: NTS
	DWG #: JW010 SHEET: 4 OF 6

BILL OF MATERIALS

ITEM NO.	DESCRIPTION	PART NUMBER	MATERIAL	MANUFACTURER
1	FRAME SILL	00686	AL. 6063-T6	EXTRUDERS
2	FRAME HEAD	00682	AL. 6063-T6	EXTRUDERS
3	FRAME JAMB	00691	AL. 6063-T6	EXTRUDERS
4	LIFT RAIL	00633	AL. 6063-T6	EXTRUDERS
5	SASH STILE	00631	AL. 6063-T6	EXTRUDERS
6	FIXED MEETING RAIL	00629	AL. 6063-T6	EXTRUDERS
7	OPERABLE MEETING RAIL	00621	AL. 6063-T6	EXTRUDERS
8	REINFORCEMENT	0004	C1018 STEEL	ALRO METALS
9	I.G. GLAZING BEAD	00891	VINYL	TEAM PLASTICS
10	MONO. GLAZING BEAD	00627	AL. 6063-T5	SAPA
11	SASH LATCH	02005	AL. 6063-T5	VISION HARDWARE
12	SLIP-ON NAIL FIN	00591	AL. 6063-T5	SAPA
13	FRAME GASKET	03283	POLYETHYLENE	FRANK-LOWE
14	SEAM SEALER	00093	-	SCHNEED-MOREHEAD
15	GLAZING RUBBER	00889	VINYL	TEAM PLASTICS
16	SILL GASKET	03285	POLYETHYLENE	FRANK-LOWE
17	WEATHERSTRIPPING	-	VINYL	ULTRAFAB
18	CAM LOCK	04979	AL.-6063-T5	VISION HARDWARE



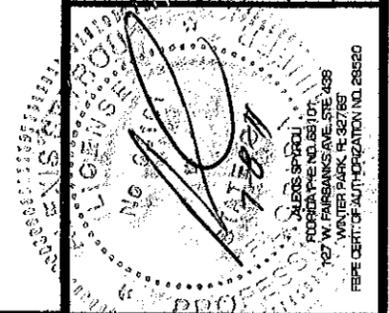
JELD-WEN
WINDOWS & DOORS

JELD-WEN, Inc.
355 CENTER COURT
VENICE, FL 34285
PH: (800) 869-6699

TITLE: PAA 6400
DOUBLE HUNG WINDOW
COMPONENTS &
BILL OF MATERIALS

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS	DESCRIPTION	BY	DATE	NO.



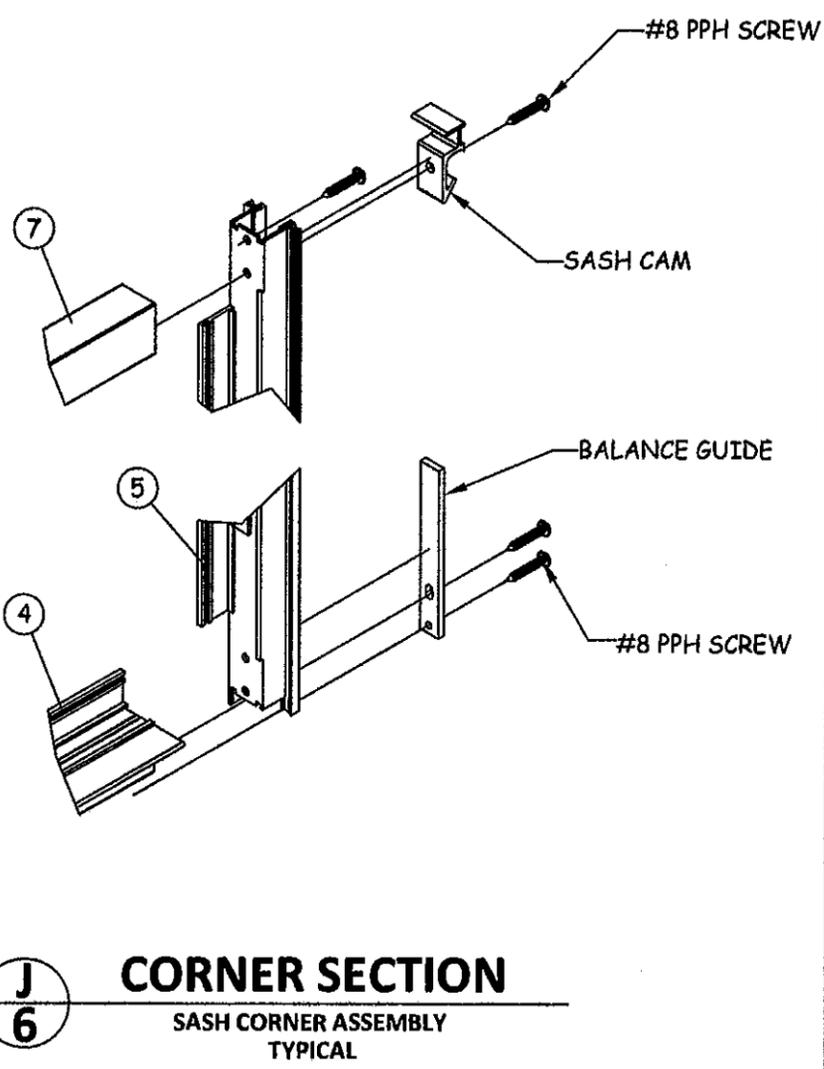
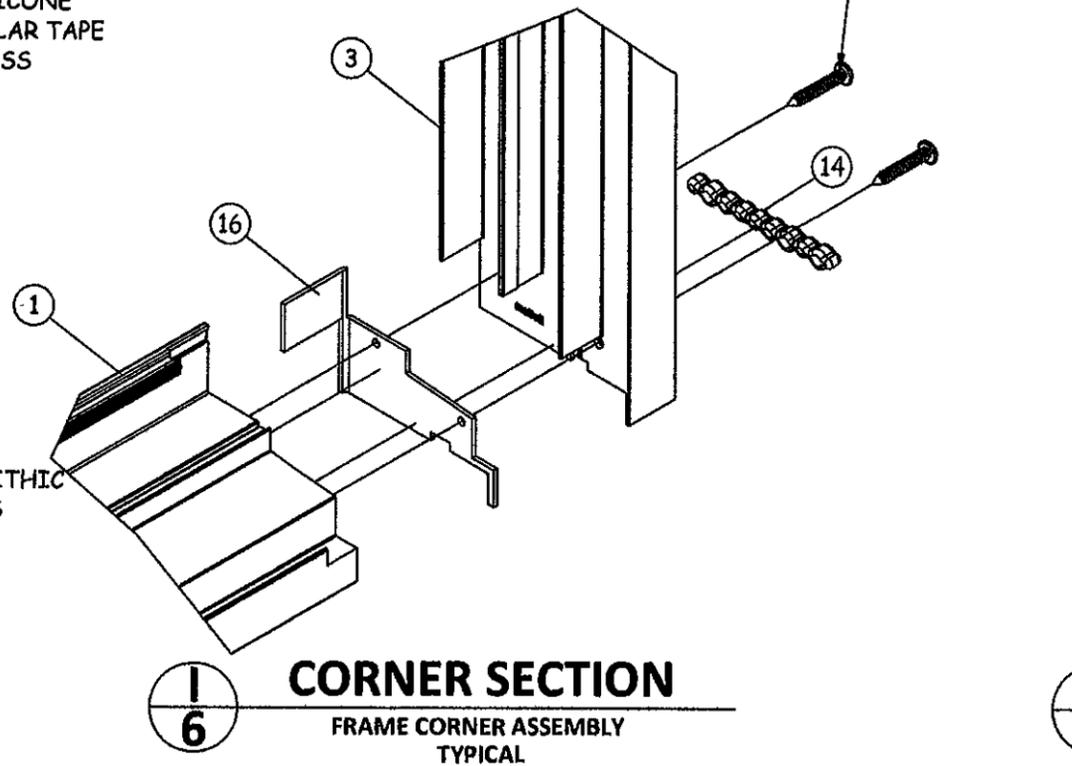
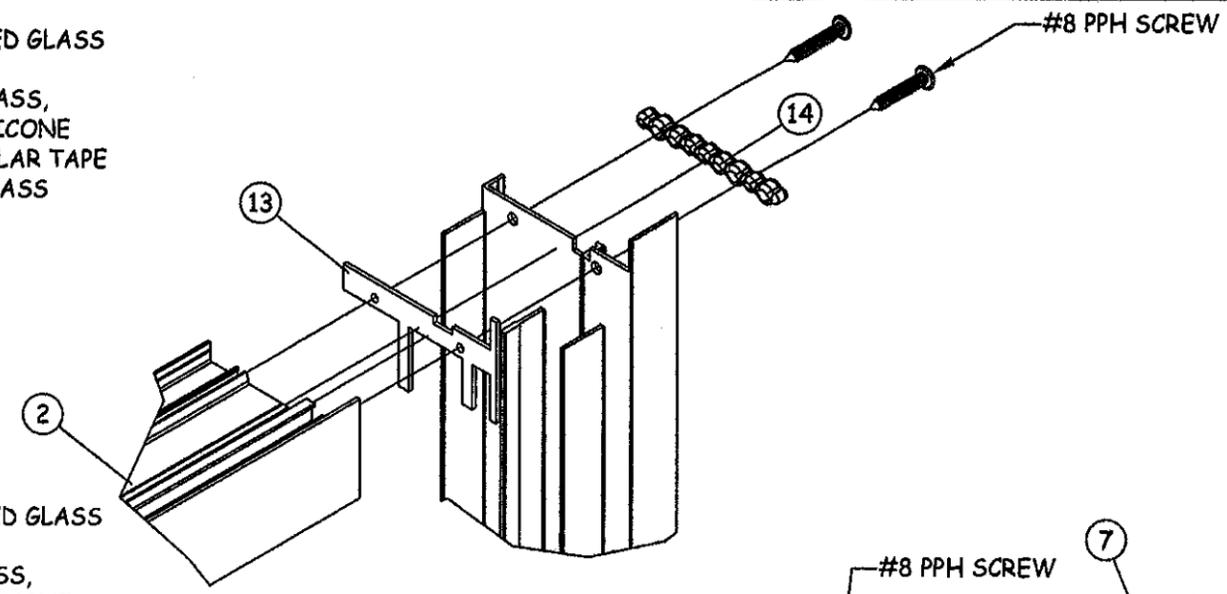
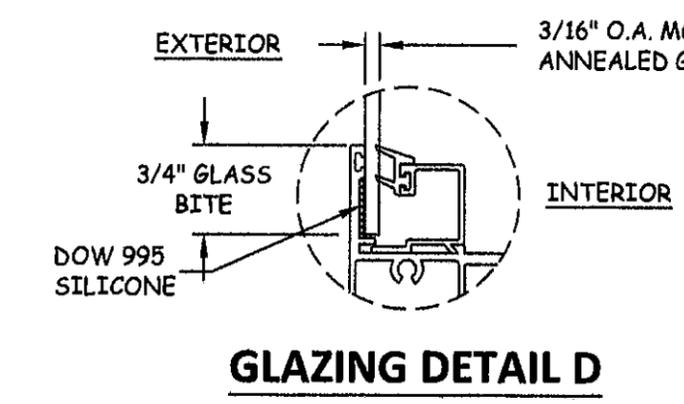
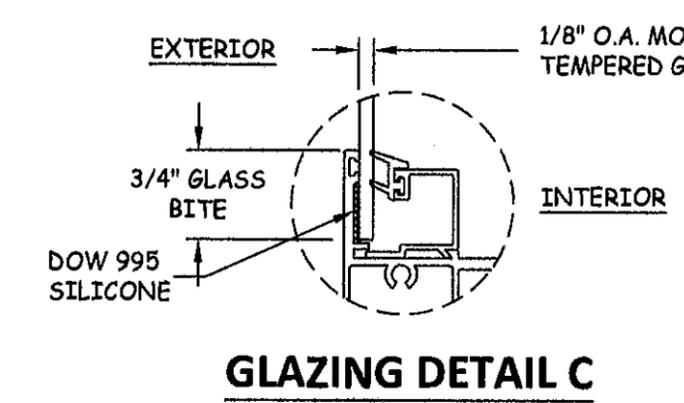
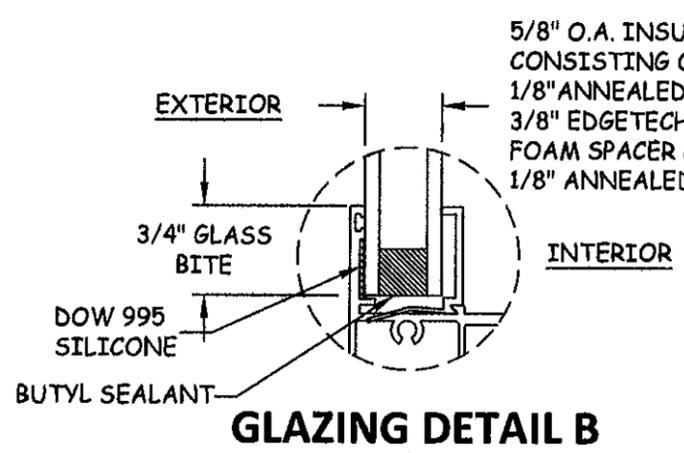
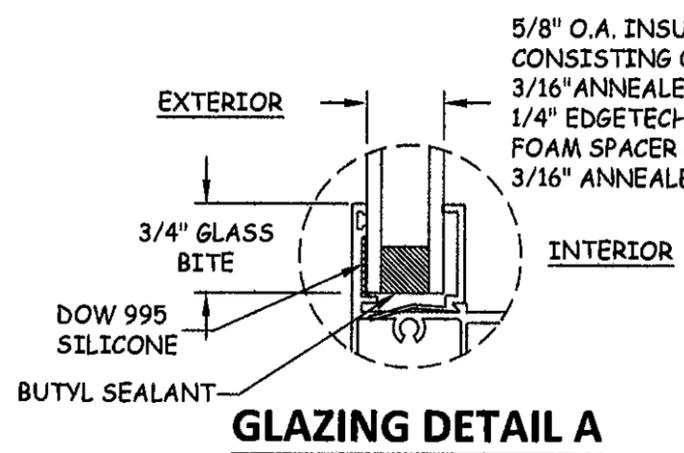
Approved as complying with the
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Date JULY 18, 2011
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Miami Dade Product Control
By Manuel Perez

DATE: 2.09.11
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CHK BY: HFN
SCALE: NTS

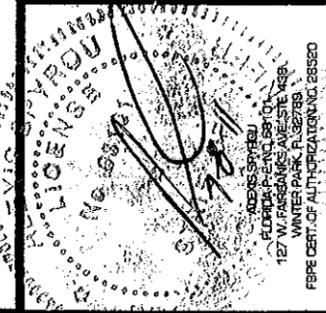
DWG #: **JW010**
SHEET: **5 OF 6**

TITLE: PAA 6400
DOUBLE HUNG WINDOW
CORNER ASSEMBLIES &
GLAZING DETAILS

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366



REVISIONS	NO.	DESCRIPTION	BY	DATE



Approved as complying with the
Florida Building Code
Date July 28, 2011
NOAH 11-0404-10
Miami Code Product Control
By Manuel Perez

DATE: 2.09.11
DWN BY: JLA
CHK BY: HFN
SCALE: NTS

DWG #: **JW010**
SHEET: **6 OF 6**